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Corrigendum

Corrigendum to "The Mahonian probability distribution on words is asymptotically normal" [Adv. in Appl. Math. 46 (1–4) (2011) 109–124]

E. Rodney Canfield [a,*], Svante Janson [b], Doron Zeilberger [c]

[a] Computer Science Department, University of Georgia, Athens, GA 30602-7404, USA
[b] Department of Mathematics, Uppsala University, PO Box 480, SE-751 06 Uppsala, Sweden
[c] Mathematics Department, Rutgers University (New Brunswick), Piscataway, NJ 08854, USA

A R T I C L E   I N F O

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The number of inversions $M_{a_1,a_2,\ldots,a_m}$ in a word studied in this paper is a well-known quantity in statistics. It is equivalent to the test statistics by [2] and [5] and it can be seen as a case of Kendall's τ with ties; the two-letter case is the Mann–Whitney test statistic [3]. The asymptotic normality is also well known; the two-letter case was shown already by [3], and a proof that applies in the same generality as our Theorem 1.2 (allowing an unbounded number of letters) is given by [1, pp. 128–129]. For the two-letter case, [4] gave a local limit theorem, with more restrictive conditions than ours but with an explicit error bound.

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* Corresponding author.
E-mail addresses: erc@cs.uga.edu (E.R. Canfield), svante.janson@math.uu.se (S. Janson), zeilberg@math.rutgers.edu (D. Zeilberger).

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